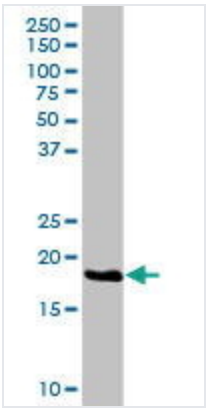
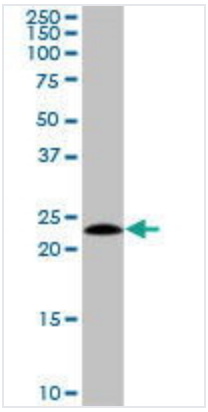
# NOP16 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

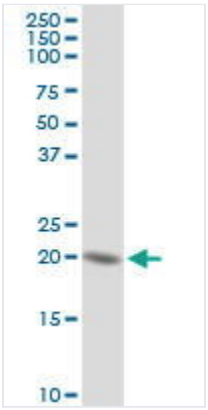
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|---|---|
| **Product Name** | NOP16, Polyclonal Antibody |
| **Full Product Name** | NOP16 (Nucleolar Protein 16, HBV pre-S2 Trans-regulated Protein 3, CGI-117, HSPC111) (AP) |
| **Product Gene Name** | anti-NOP16 antibody |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Human, Mouse |
| **Form/Format** | Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP). |
| **Purity/Purification** | Purified by Protein A Affinity Chromatography. |
| **Specificity** | Recognizes human HSPC111. Species Crossreactivity: mouse. |
| **Preparation and Storage** | Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only pri original vial prior to removing the cap. |
| **Molecular Weight** | 26,561 Da |
| **Immunogen** | Full length human HSPC111, aa1-178 (AAH40106.1). |
| **Immunogen Sequence** | MPKAKGKTRRQKFGYSVNRKRLNRNARRKAAPRIECSHIRHAWDHAKSVRQNLAEMGLAVDPNRAVPLRKRKVKAMEVDIEERPKELVRKPYVLNDLEA |
| **Conjugate** | AP |
| **Note** | Preservative Free |
| **Product Categories/Family for anti-NOP16 antibody** | Antibodies; Heat Shock Proteins |
| **Applications Tested/Suitable for anti-NOP16 antibody** | Western Blot (WB) |
| **Application Notes for anti-NOP16 antibody** | Applications are based on unconjugated antibody. |
| **Related Product Information for anti-NOP16 antibody** | MBS6381881 is an antibody targeting NOP16. Also known as NOP16 (Nucleolar Protein 16, HBV pre-S2 Trans-regulated Protein 3, CGI-117, HSPC11 |
| **Other Notes** | Small volumes of anti-NOP16 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces may require to ship with dry ice and additional dry ice fee may apply. |



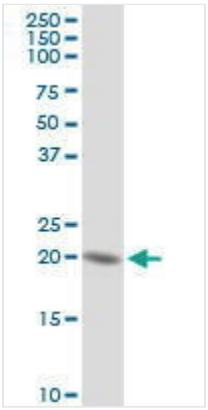

**Western Blot (WB) of anti-NOP16 antibody**
HSPC111 rabbit polyclonal antibody. Western Blot analysis of HSPC111 expression in human liver.




**Western Blot (WB) of anti-NOP16 antibody**
HSPC111 rabbit polyclonal antibody. Western Blot analysis of HSPC111 expression in mouse spleen.




**Western Blot (WB) of anti-NOP16 antibody**
HSPC111 rabbit polyclonal antibody. Western Blot analysis of HSPC111 expression in A-431.




**Western Blot (WB) of anti-NOP16 antibody**
Western Blot analysis of NOP16 expression in transfected 293T cell line by NOP16 polyclonal antibody. Lane 1: HSPC111 transfected lysate (21.2kD). Lane 2: Non-transfected lysate.

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NOP16. It may not necessarily be applicable to this product.

| | |
|---|---|
| **NCBI GI #** | 25455617 |
| **NCBI GeneID** | 51491 |
| **NCBI Accession #** | BC040106 |
| **NCBI Related Accession #** | AAH40106.1 |
| **UniProt Secondary Accession #** | Q05D05; Q6IAI6; Q6PIM0; Q8IXL5; B4DV13; D6RGD3 |
| **UniProt Related Accession #** | Q9Y3C1 |
| **NCBI Official Full Name** | Homo sapiens NOP16 nucleolar protein homolog (yeast), mRNA |
| **NCBI Official Synonym Full Names** | NOP16 nucleolar protein |
| **NCBI Official Symbol** | NOP16 |
| **NCBI Official Synonym Symbols** | HSPC111; HSPC185 |
| **Protein Family** | Nucleolar protein |
| **NCBI Protein Information** | nucleolar protein 16 |

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| **NCBI Summary for NOP16** | This gene encodes a protein that is localized to the nucleolus. Expression of this gene is induced by estrogens and Myc protein and is a marker of poor patient survival in breast cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015] |
| **Research Articles on NOP16** | **1.** RNA 3'-phosphate cyclase (RTCD1/RTCA) interacted with HSPC111, and RTCD1 was involved in the HSPC111 multiprotein complex in regulating rRNA production and ribosomal biogenesis. |
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